

## Document Log Item

<b>Addressing</b>			
<b>From</b>		<b>To</b>	
"Conlan, Linda" <Linda.Conlan@amec.com>		Carmen Santos/R9/USEPA/US@EPA	
<b>CC</b>		<b>BCC</b>	
Steve Armann/R9/USEPA/US@EPA "Delong, Paula" <Paula.Delong@amec.com>			
<b>Description</b>		Form Used: Memo	
<b>Subject</b>		<b>Date/Time</b>	
RE: PCBs: Former Pechiney Cast Plate Inc - Additional Site Characterization SAP		09/03/2010 01:36 PM	
<b># of Attachments</b>	<b>Total Bytes</b>	<b>NPM</b>	<b>Contributor</b>
0	13,448		
<b>Processing</b>			
<b>Comments</b>			

Body

## Document Body

Carmen;

Per your August 30<sup>th</sup>, 2010 email request, below is a summary of the field quality assurance/quality control (QA/QC) samples that will be utilized during the characterization sampling work described in the *Concrete and Soil Sampling and Analysis Plan* (SAP; AMEC Geomatrix, 2010).

The QA/QC procedures will be conducted in accordance with the *Quality Assurance Project Plan* (QAPP) (Geomatrix Consultants, Inc., 2007) previously submitted to EPA. In summary,

the following field QA/QC samples will be collected and/or analyzed during the concrete and soil characterization sampling effort. These QA/QC samples will be analyzed for PCBs using EPA Method 8082.

- Re-useable concrete coring tools and downhole sampling equipment will be decontaminated as described in Section 5.0 of the SAP. Equipment rinse blanks will be collected and analyzed each day to assess the adequacy of decontamination of concrete coring equipment and downhole sampling equipment (Section 3.5.1.1 of the QAPP). The equipment rinse blanks will be collected at a frequency of one blank sample per day per type of sampling equipment.
- One field water blank will be collected and analyzed from the water source used for the equipment decontamination (Section 3.5.1.2 of the QAPP).
- A temperature blank will be placed in each cooler used to ship samples to the laboratory (Section 3.5.1.4 of the QAPP).

Based on the nature of the sample matrix (in situ bulk concrete and soil) and the analytical parameters (PCBs) sample cooler trip blanks and field duplicate samples will not be collected or analyzed as part of this sampling program. Trip blank samples are typically used to assess potential cross-contamination associated with volatile organic compounds during sample shipment. Because the soil and concrete samples will be analyzed for PCBs, trip blank samples are not necessary. In addition, because of the matrix (in situ bulk concrete and soil) and sample collection procedures, field duplicates will not be collected or analyzed because they would not be representative of a true blind field duplicate sample.

Also, we are coordinating the sampling efforts with the subcontractors and anticipate starting the characterization sampling work late next week. Once we have a firm sampling schedule and

laboratory turnaround times established, a schedule will be provided to EPA for the remaining items listed in the conditional approval letter that are tied to the characterization sampling.

Please give me a call if you need any additional information.

Regards,

**Linda Conlan, PG | Senior II Geologist**

**AMEC Geomatrix, Inc.**  
510 Superior Avenue, Suite 200  
Newport Beach, CA 92663

**Main:** 949.642.0245 | **Direct:** 949.574.7083 | **Cell:** 949.355.3631 | **Fax:** 949.642.4474  
**E-mail:** [linda.conlan@amec.com](mailto:linda.conlan@amec.com)

NOTICE: The information contained in (and attached to) this e-mail is intended only for the personal and confidential use of the designated recipient(s) named above. This message may be a consultant/client, attorney/client or attorney work product communication and as such is privileged and confidential. If the reader of this message is not the intended recipient, you are hereby notified that you have received this document in error and that any review, dissemination, distribution or copying of this message is strictly prohibited. If you received this communication in error, please notify us immediately by reply e-mail, and delete the original message (including attachments).

**From:** Santos.Carmen@epamail.epa.gov [mailto:Santos.Carmen@epamail.epa.gov]  
**Sent:** Monday, August 30, 2010 1:47 PM  
**To:** Conlan, Linda  
**Cc:** Armann.Steve@epamail.epa.gov  
**Subject:** PCBs: Former Pechiney Cast Plate Inc - Additional Site Characterization SAP

Dear Linda Conlan:

We have reviewed the July 27, 2010 'concrete and Soil Sampling and Analysis Plan Former Pechiney Cast Plate, Inc., Facility. . ." (SAP) for additional site characterization and PCB cleanup verification that you submitted on behalf of Pechiney for our review.

Pechiney and AMEC should continue with implementation of additional site characterization (implementation of site characterization portion of the SAP) following the SAP as modified below:

- (1) Our preference is that EPA Method 3540C (Soxhlet Extraction) for extraction be used for concrete and soil samples to be analyzed via EPA Method 8082, latest revision.
- (2) Concrete samples must be properly crushed prior to extraction.
- (3) If necessary a post extraction / pre-analysis sample cleanup procedure should be used to maintain low detection limits.
- (4) Within 5 days after the date of this message, please provide the quality control / quality assurance procedures that will be used in the field to collect concrete and soil samples.

As to any deadlines in our July 2, 2010 approval letter that are dependent on completion of additional site characterization, please propose a schedule to complete the work associated with those dependent deadlines. Additional site characterization is to be completed within 30 days after the date of this message.

Please call me if you have any questions concerning this message.

Thank you for your courtesies and patience.

Sincerely,  
Carmen

Carmen D. Santos, Project Manager  
RCRA Corrective Action Office  
Waste Management Division  
USEPA Region 9  
415.972.3360  
fax: 415.947.3533

The information contained in this e-mail is intended only for the individual or entity to whom it is addressed.  
Its contents (including any attachments) may contain confidential and/or privileged information.  
If you are not an intended recipient you must not use, disclose, disseminate, copy or print its contents.  
If you receive this e-mail in error, please notify the sender by reply e-mail and delete and destroy the message.